NOTE: MD 140 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

SIGNS

15

SIGNAL AHEAD
PREPARE TO STOP WHEN FLASHING

W3-3 (120" X 60")

16,17 Sullivan RD — D3-2 (VARIABLE X 16")

19,20 Baltimore BLVD — D3-2 (VARIABLE X 16")

22

EAST
MARYLAND
140

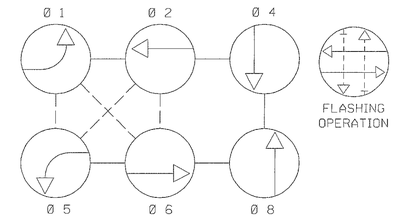
18,21

R3-6
30" x 36"

SIGNALS

9.11	3.4.7.8. 10.12	1.2.5.6	13.14
R	R	R	Y
Y	Y	Y	12"
G	G	G	
C		C	
12"	12"	12"	

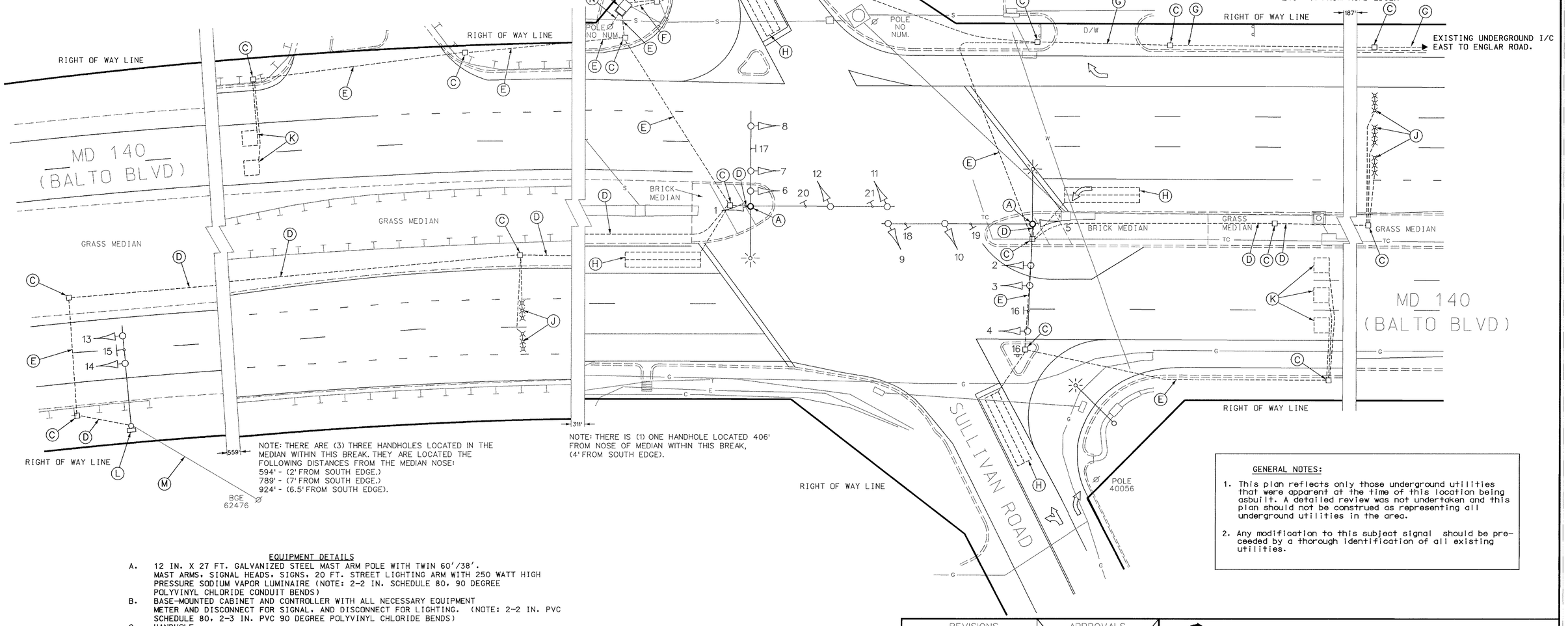
NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

NOTE: THERE ARE (2) TWO HANDHOLES LOCATED WITHIN THIS BREAK. THEY ARE LOCATED THE FOLLOWING DISTANCES EAST OF SULLIVAN ROAD.
198' - (3' FROM ROAD EDGE)
246' - (4' FROM ROAD EDGE).



NOTE: THERE ARE (3) THREE HANDHOLES LOCATED IN THE MEDIAN WITHIN THIS BREAK. THEY ARE LOCATED THE FOLLOWING DISTANCES FROM THE MEDIAN NOSE:
594' - (2' FROM SOUTH EDGE.)
789' - (7' FROM SOUTH EDGE.)
924' - (6.5' FROM SOUTH EDGE).

NOTE: THERE IS (1) ONE HANDHOLE LOCATED 406' FROM NOSE OF MEDIAN WITHIN THIS BREAK, (4' FROM SOUTH EDGE).

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

EQUIPMENT DETAILS

A. 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH TWIN 60'/38'. MAST ARMS, SIGNAL HEADS, SIGNS, 20 FT. STREET LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS)
B. BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT METER AND DISCONNECT FOR SIGNAL, AND DISCONNECT FOR LIGHTING. (NOTE: 2-2 IN. PVC SCHEDULE 80, 2-3 IN. PVC 90 DEGREE POLYVINYL CHLORIDE BENDS)
C. HANDHOLE
D. 2" SCHEDULE 80 RIGID PVC CONDUIT.
E. 3" SCHEDULE 80 RIGID PVC CONDUIT.
F. 3" SCHEDULE 80 RIGID PVC CONDUIT WITH INTERCONNECT.
G. 2" SCHEDULE 80 RIGID PVC CONDUIT WITH INTERCONNECT.
H. INSTALL 6'X30' QUADRUPOLE (3-6-3 TURNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.
J. MICRO LOOP PROBE.
K.. 6' X 6' LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING (4-TURNS).
L. 12" X 21' GALVANIZED STEEL MAST ARM POLE WITH A 38' MAST ARM, POLE MOUNTED CABINET AND CONTROLLER, TRAFFIC SIGNAL HEADS AND SIGN. (NOTE: 1-2" SCHEDULE 80, POLYVINYL CHLORIDE BEND.)
M. EXISTING OVERHEAD ELECTRICAL SERVICE BY BGE
N. EXISTING UNDERGROUND ELECTRICAL SERVICE BY BGE.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

REVISION "D" ASBUILT

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

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REVISIONS	APPROVALS
D 11-2-00 ASBUILT SHA NO.: CL7935176	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
R.R.Z.	
C 10/98 SIGNAL MODIFICATION FOR ROADWAY WIDENING SHA NO: CL7935176	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
B REVISED 2/14/84 POLE RELOCATED IN SOUTH EAST QUADRANT SHA NO: CL-812-501-785	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A RELOCATE STEEL POLES & SIG. INSTALL NEW CONT., T.B. C & CAB. SHA NO: CL-812-501-785	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 140 AND SULLIVAN ROAD

DRAWN BY: J. GORDON	F.A.P. NO.	TS NO. 1577D	SHEET NO. 1 OF 1
CHECKED BY: MEL	S.H.A. NO.		
SCALE: 1"= 20'	COUNTY: CARROLL	T.I.M.S. NO.	
DATE: 4/5/79	LOG MILE: 06014010.04		

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